

Amendments to the Claims

1. (currently amended) A method ~~of for~~ determining a the location of a mobile unit ~~using a telephone number of a wireline telephone in the vicinity of said mobile unit~~, said method comprising:

receiving a telephone number of a wireline telephone ~~at a first server said telephone number transmitted from said mobile unit using wireless communication through a data network, said wireline telephone being located in a vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit~~;

retrieving an address associated with said telephone number ~~in said first server~~; and

retrieving said ~~a~~ location of said mobile unit based on said address.

2. (currently amended) The method of Claim 1, further comprising:
transmitting ~~returning~~ said location ~~determined using said address to said mobile unit via wireless communication through said data network~~.

3. (currently amended) The method of Claim 1, further comprising:
obtaining ~~at said server location-relevant information~~ associated with using said location.

4. (currently amended) The method of Claim 3, further comprising:

~~transmitting returning~~ said location-relevant information to said mobile unit
~~via wireless communication through said data network.~~

5. (currently amended) The method of Claim 3, ~~wherein said~~
~~obtaining at said server said location-relevant information using said address~~
~~comprises further comprising:~~

querying a ~~second~~ server for said location-relevant information based on
said location; and

~~receiving transmitting~~ said location-relevant information from said ~~second~~
~~server to said server via said data network.~~

6. (currently amended) The method of Claim 1, further comprising:
providing said location ~~determined using said telephone number to an~~
~~entity that is emergency service providing a service assistance to said mobile~~
~~unit.~~

7. (currently amended) The method of Claim 6, wherein said
~~emergency service is a local 911 emergency providing said location to an entity~~
~~that is providing a service to said mobile unit further comprises:~~

~~providing said location to an entity that is providing a service to said~~
~~mobile unit, said service being an emergency service.~~

8. (currently amended) The method of Claim 1, wherein said data

~~network comprises a publicly shared network such as the Internet~~ receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, wherein said data network is a publicly shared network.

9. (currently amended) The method of Claim 1, wherein ~~said mobile unit communicates over a wireless link with a gateway coupled to said data network~~ receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a wireless link and a gateway coupled with said data network.

10. (currently amended) The method of Claim 1, wherein said ~~wireless communication comprises communication through a cellular telephone network~~ receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a cellular telephone network.

11. (currently amended) The method of Claim 1, wherein said ~~wireless communication comprises communication via a cellular telephone modem~~ receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit using a cellular telephone modem.

12. (currently amended) The method of Claim 1, wherein said ~~wireline~~

telephone is a pay phone receiving said telephone number of said wireline telephone through said data network, said wireline telephone being located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit, further comprises:

receiving said telephone number of said wireline telephone through said data network, said wireline telephone being a pay phone located in said vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit.

13. (currently amended) The method of Claim 3, wherein ~~said location-relevant information includes an address of a local point of interest~~ utilizing said location to obtain said location-relevant information associated with said location further comprises:

utilizing said location to obtain said location-relevant information associated with said location, said location-relevant information comprising an address associated with a local point of interest.

14. (currently amended) The method of Claim 1, further comprising ~~wherein said retrieving said address associated with said telephone number in said server comprises:~~

~~querying a first database containing information for mapping said telephone number to said address.~~

accessing a first set of information stored in a first database; and

utilizing said first set of information to map said telephone number to said address.

15. (currently amended) The method of Claim 14, further comprising
~~wherein said retrieving a location of said mobile unit based on said address~~
comprises:

~~querying a second database containing mapping information for mapping~~
~~said address to said location.~~

accessing a second set of information stored in a second database; and
utilizing said second set of information to map said address to said
location.

16. (currently amended) The method of Claim 15, wherein said
~~location comprises a position coordinate comprising longitude and latitude~~
~~information~~ utilizing said second set of information to map said address to said
location further comprises:

utilizing said second set of information to map said address to said
location, said location being a position coordinate comprising longitude and
latitude information.

17. (currently amended) The method of Claim 15[[16]], wherein said
~~mapping information for mapping said address to said location is obtained using~~
~~Geo-Coding~~ utilizing said second set of information to map said address to said

location further comprises:

utilizing said second set of information to map said address to said location using Geo-Coding.

18. (currently amended) A method of obtaining for providing location-relevant information being of interest to over a data network to a mobile unit, said method comprising:

receiving at said server a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by from said mobile unit to said using wireless communication through said data network;

retrieving a first address associated with said first telephone number in said server; and

retrieving a first location based on said first address; and

accessing said location-relevant information based on said first location.

19. (currently amended) The method of Claim 18, wherein said first wireline telephone is near the vicinity of said mobile unit receiving said first telephone number through said data network, said first telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, further comprises:

receiving said first telephone number through said data network, said first

telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, wherein said first wireline telephone is located near a vicinity of said mobile unit.

20. (currently amended) The method of Claim 18, wherein ~~said first wireline telephone is at a destination location of interest~~ receiving said first telephone number through said data network, said first telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, further comprises:

receiving said first telephone number through said data network, said first telephone number being associated with said first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network, wherein said first wireline telephone is located at a destination of interest.

21. (currently amended) The method of Claim 18, further comprising: transmitting ~~returning~~ said first location to said mobile unit via wireless communication through said data network.

22. (currently amended) The method of Claim 18, further comprising: obtaining at said server location-relevant information using said first

~~location; and~~

~~transmitting~~ returning said location-relevant information to said mobile unit
~~via wireless communication through said data network.~~

23. (currently amended) The method of Claim 22, ~~wherein said~~
~~obtaining at said server location-relevant information using said first location~~
~~comprises~~ further comprising:

querying a ~~second~~ server for said location-relevant ~~location-relevant~~
information based on said first location; and

receiving said location-relevant information from said server through said
data network.

~~transmitting said location-relevant information from said second server to~~
~~said server via said data network.~~

24. (currently amended) The method of Claim 18, ~~wherein said first~~
~~location comprises a position coordinate comprising longitude and latitude~~
~~information~~ retrieving said first location based on said first address further
comprises:

retrieving said first location based on said first address, said location being
a position coordinate comprising longitude and latitude information.

25. (currently amended) The method of Claim 18[[24]], ~~wherein said~~
~~retrieving said first location based on said first address comprises~~ further

comprising:

mapping said first address to said first location using Geo-Coding.

26. (currently amended) The method of Claim 20, further comprising:

receiving ~~at said server~~ a second telephone number associated with ~~of a~~ second wireline telephone located in a ~~in the~~ vicinity of said mobile unit, said second telephone number being wirelessly transmitted by ~~from~~ said mobile unit ~~using wireless communication through~~ said a data network;

retrieving a second address associated with said second telephone number ~~in said server~~; and

retrieving a second location ~~of said mobile unit~~ based on said second address.

27. (currently amended) The method of Claim 26, further comprising:

obtaining ~~at said server~~ location-relevant information using said first location and said second location; and
transmitting ~~returning~~ said location-relevant information to said mobile unit ~~via wireless communication through~~ said data network.

28. (currently amended) The method of Claim 27, wherein said

~~location-relevant information comprises driving direction from said second location to said first location~~ obtaining location-relevant information using said first location and said second location further comprises:

obtaining location-relevant information using said first location and said second location, said location-relevant information comprising driving directions from said second location to said first location.

29. (currently amended) The method of Claim 26, wherein said first location and said second location each comprise a position coordinate comprising longitude and latitude information retrieving said second location of said mobile unit based on said second address further comprises:

retrieving said second location of said mobile unit based on said second address, wherein said first location and said second location each comprise a position coordinate comprising longitude and latitude information.

30. (currently amended) The method of Claim 26[[29]], wherein said first and second addresses are mapped to said first and second locations, respectively, using Geo-Coding further comprising:

mapping said first address to said first location; and

mapping said second address to said second location.

31. (currently amended) A ~~location-relevant service system~~ for determining a location of a mobile unit coupled with a data network over a first wireless link, said system comprising:

a server accessible over said a data network, said server accessing having a database that stores a first set of ~~for storing information~~ for mapping a

wireline telephone number to an address and a second set of information for mapping said an-address to a location, said server receiving a first telephone number through said data network, said first telephone number being associated with a first wireline telephone that is located in a vicinity of said mobile unit, and said server determining a first location based on said first telephone number, wherein said first location is indicative of a location of said mobile unit; and

~~a mobile unit coupled with said data network over a first wireless link, said mobile unit providing a first telephone number of a first wireline telephone to said server;~~

~~wherein said server determines a first location based on said first telephone number using said information for mapping in said database.~~

32. (canceled)

33. (currently amended) The ~~location-relevant service-system~~ of Claim 31, wherein said first location is a position coordinate comprising longitude and latitude information.

34. (currently amended) The ~~location-relevant service-system~~ of Claim 31, wherein said second set of information ~~for mapping an address to a location~~ is provided using Geo-Coding.

35. (currently amended) The ~~location-relevant service-system~~ of Claim

31, wherein said server ~~obtains~~ provides location-relevant information based on said first location and provides said location-relevant information to said mobile unit.

36. (currently amended) The ~~location-relevant service system~~ of Claim 31, wherein said server receives ~~mobile unit provides~~ a second telephone number through said data network, said second telephone number being associated with a second wireline telephone and being transmitted by said mobile unit ~~of a second wireline telephone to said server~~, and wherein said server determines a second location of ~~said second telephone number~~ using said information for mapping in said database first set of information and said second set of information, said second location being indicative of a location of interest of said mobile unit.

37. (currently amended) The ~~location-relevant service system~~ of Claim 36, wherein said server provides location-relevant information to said mobile unit based on said first location and ~~said second location to said mobile unit.~~

38. (currently amended) The ~~location-relevant service system~~ of Claim 37, wherein said location-relevant information comprises driving directions from said first location to said second location.